

WATER QUALITY SURVEY SHEET

County \_\_\_\_\_ Date \_\_\_\_\_

Weather(last 24 hours) \_\_\_\_\_

Location \_\_\_\_\_ GPS Coordinates \_\_\_\_\_

Water Quality Volunteer(s) \_\_\_\_\_

VWIN and SMIE surveys are to be marked for the site only with one choice for each category; Adopt-a-Stream surveys are to consider the full length of the waterway they observe and may mark more than one choice.

**Fish Populations**

- scattered individuals
- scattered schools
- none observed
- minnows/small fishes
- large fish

**Barriers to Fish Movement**

- beaver dam(s)
- man-made dam
- waterfall(s) (>1 ft.)
- culvert or pipe
- other \_\_\_\_\_
- none

**Water Appearance**

- clear
- clear, but tea-colored
- colored sheen (oily)
- foamy
- milky
- muddy
- black
- green
- grey
- other \_\_\_\_\_

**Stream Bed Deposit**

- gravel or cobblestone
- sand
- bedrock or boulders
- clay
- algae
- woody debris

**Odor**

- rotten eggs
- musky
- oil
- sewage
- other \_\_\_\_\_
- none

**Algae Presence**

- extensive
- in spots
- none

**Algae Color/Appearance**

- light green
- dark green
- brown coated
- matted on stream bed
- hairy

**Stream Bank Shade**

- total or almost total
- half or better
- less than half
- some, but very little
- none

**Litter and Trash**

- in water
- in water & on banks
- in trees/brush 1 ft above water surface
- in trees/brush >1 ft above water surface

**Riparian Zone (Stream bank Composition)**

- mostly trees & shrubs
- grasses and vines
- natural rocks or boulders
- eroding stream bank
- rip-rap or construction fill
- other \_\_\_\_\_

**FOR A-A-S ONLY**

**Riffle Presence**

- many
- some
- one or two
- none

**FOR SMIE ONLY**

**Leaf Packs**

- Found within 10 feet
- found within 50 feet
- found > than 50 feet

**Riffle Sampling Effort**

- rocks extremely embedded into riffle (very difficult or impossible to disturb, sand filling spaces between rocks)
- rocks moderately embedded into riffles (removed with effort, less sand in spaces)
- rocks loose, easy to move

NOTES/COMMENTS:(Indicate current and potential threats to stream health from land use nearby or upstream, and other comments) \_\_\_\_\_

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